



ASNU TIPS

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(06/2019)

NISSAN QASHQAI - Gasoline Direct Injection

The GDI Injectors used in these Nissan engines are not designed with an edged cut out like other injectors (fig 1). Instead, they have a sloped back (fig 2) which allows the seal to slide up the injector during replacement of the seal and installation of the injector. The Graphite seal is more resilient towards heat and offers a better seal than the white Teflon version used on other engines.

Our seals have a slight leading edge on them to help during fitting and installation.

For these injectors, we suggest fitting the seal with the leading edge facing the bottom of the injector and applying a slight coating of oil on the seal and the compression tool ONLY - do not get any on the injector shaft. Rotate the compression tool whilst gently applying pressure but not too hard as the seal will try and ride up the shaft.

Once the seal has been compressed on the shaft, immediately place an ASNU O7 pintle cap over the seal to ensure the seal does not un-compress. We recommend this for both Graphite and Teflon seals. Only remove them when fitting them to the engine otherwise they will un-compress and may not be able to be refitted.

Fig 1



Bosch type injector with edge to retain the Graphite seal.

Bosch type injector with Graphite seal fitted with the edge to stop the seal riding up the shaft.



Fig 2



Denso type injector with no edge to retain the Graphite seal.

Denso type injector with leading edge seal installed facing towards the bottom of the injector shaft.



ASNU O7
Fitted to end of
injector shaft